

# WATER QUALITY TABLE

## (REPLACEMENT)

THIS WATER QUALITY TABLE IS PROVIDED TO TAKE THE PLACE OF THE INCOMPLETE TABLE PRINTED ON PAGE 8 OF THE *CITYSCAPE* NEWSLETTER. PLEASE REFER TO THE 'WATER QUALITY TABLE FOOTNOTES' FOUND ON PAGE 8.

### Water Quality Table

Contaminant	Date Tested	Unit	MCL	MCLG	Highest Detected Amount*	Range	Major Sources	Violation
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#### Inorganic Contaminants

Arsenic	9/10/02	ppb	50 <sup>1</sup>	None	1.9	<1 – 1.9	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production waste.	NO
Barium	6/3/02	ppm	2	2	0.19	0.02-0.19	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits	NO
Chromium	6/3/02	ppb	100	100	2.2	<1 – 2.2	Discharge from steel and pulp mills; erosion of natural deposits	NO
Copper <sup>2</sup>	6/3/02	ppm	Action Level 1.3	1.3	0.0048	<0.002 – 0.0048	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives	NO
Fluoride	9/10/02	ppm	4.0	4.0	0.21	0.08 – 0.21	Erosion from natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories	NO
Lead <sup>2</sup>	6/3/02	ppb	Action Level 15	Zero	0.52	<0.5 - 0.52	Corrosion of household plumbing systems; erosion of natural deposits	NO
Nitrate	6/5/02	ppm	10	10	1.7	<0.1 – 1.7	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits	NO
Sodium	6/3/02	ppm	N/A	N/A	5.7	3.3 – 5.7	Natural erosion	NO
Sulfate	6/3/02	ppm	N/A	N/A	14	2.4 - 14	Natural erosion, industrial wastes	NO

#### Microbiological Contaminants

Combined Filter Turbidity <sup>3</sup>	Every 4 hrs	NTU	1 <sup>4</sup>	N/A	>1.0	0.05 - >1.0	Soil runoff	YES <sup>4</sup>
Combined Filter Turbidity <sup>3</sup>	Every 4 hrs	NTU	0.3 <sup>5</sup>	N/A	>1.0	0.05 - >1.0	Soil runoff	YES <sup>5</sup>
Individual Filter Turbidity <sup>3</sup>	Continual	NTU	1 <sup>6</sup>	N/A	>1.0	0.05 - >1.0	Soil runoff	YES <sup>6</sup>
Individual Filter Turbidity <sup>3</sup>	Continual	NTU	0.5 <sup>7</sup>	N/A	0.58	0.05 – 0.58	Soil runoff	YES <sup>7</sup>
Total Coliform (including fecal coliform and <i>E. coli</i> )	60 samples per month	P/A	<5% <sup>8</sup>	Zero	2.9%	0 – 2.9%	Naturally present in the environment; fecal coliforms and <i>E. coli</i> come from human and animal fecal waste	NO

#### Disinfection By-products

TTHMs <sup>9</sup> (total trihalomethane)	Quarterly	ppb	80	NA <sup>10</sup>	26	<0.5 – 26	By-product of drinking water chlorination.	NO
HAA5 <sup>9</sup> (total haloacetic acids)	Quarterly	ppb	60	NA <sup>10,11</sup>	21	<1.0 - 21	By-product of drinking water chlorination	NO

#### Radiochemicals

Gross Alpha	Varied 2002	pCi/ L	15	None	1.3	0.9 – 1.3	Erosion of natural deposits of certain minerals that are radioactive and may emit a form of radiation known and alpha radiation	NO
Combined Radium 226&228	Varied 2002	pCi/ L	5	None	2.0	0.3 – 2.0	Erosion of natural deposits	NO

THE INCOMPLETE TABLE WAS IDENTIFIED AFTER PRINTING. PLEASE ACCEPT OUR APOLOGIES FOR THIS OVERSIGHT AND ANY INCONVENIENCE IT MAY HAVE CAUSED. FOR ANY QUESTIONS CONTACT THE UTILITIES DEPARTMENT AT 779-7646. THANK YOU!